

ABSTRACT OF THE DISCLOSURE

A diffractive optical element includes a first
diffractive optical part having a phase type
diffractive grating, and a second diffractive optical
5 part having a phase type diffractive grating formed of
a material differing from that of the first diffractive
optical part. The first diffractive optical part and
the second diffractive optical part are disposed in
proximity to each other with an air layer. Each of the
10 first diffractive optical part and the second
diffractive optical part has a mark for aligning them
with the optical effective areas thereof.